

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY Bulgaria

SUBJECT Location of Power Stations and Dams

25X1A

PLACE ACQUIRED
(BY SOURCE)

25X1C

DATE ACQUIRED
(BY SOURCE)

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DATE (OF INFO.)

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DATE DISTR. 25 AUG 1954

NO. OF PAGES 3

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SUPP. TO
REPORT NO.

25X1X

/Available on loan from the CIA Map Library are a number of sheets of the Bulgarian 1:100,000 series. In addition to other information indicated on these maps, source marked thermoelectric power stations (green circle); hydroelectric power stations (green triangle); and dams with the symbol (in brown). Broken lines indicate that the facility is in the project or construction stage. The sequence of a Roman and an Arabic numeral (as in IV 2), usually after a place name, indicates the map sheet in the series which gives the geographic location of the appropriate installation. To borrow maps call - code 143, ext. 2596. Map call no. VF76991.7

Hydroelectric Power Stations

1. 1, at Kitka (mountain), IV 2 (near Belogradchik)

2, at Mala Chuksa, IV 2 (near Belogradchik)

3, near Petrokhanski Pass, V 3; at this location, four hydroelectric power stations are planned to be constructed; a dam was so poorly constructed at this location that the responsible engineer - who had opposed the project in the form in which it was ordered by the authorities - anticipated its failure and fled in 1950 or 1951 via Yugoslavia and Austria to Canada. This man, Engineer Preobrazhenski, now lives in Canada.

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25X1A
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- 4, at Cherven Bryag, V 4
- 5, near "Aleksander Stamboliski" Dam (see below), V 5; in project stage
- 6, at Pancharevo, VI 3
- 7, near Kokalene, VI 3; in construction
- 8, near Passarel, VI 3; in construction
- 9, at Vidina near Troyan, VI 5
- 10, near "Georgi Dimitrov" Dam, VI 5; two hydroelectric power stations are in construction at this point.
- 11, at Pastra, VII 3
- 12, at Mala Tsurkva, VII 3; in construction
- 13, at Elli-Dere (Vetren Dol), VII 4; in construction
- 14, at Krichim, VII 4; in construction
- 15, shown on sheet VIII 4; a large dam and hydroelectric power station with a projected output of 100,000 kw are in construction between Batak and Dobrichditsa (sic); the exact location appears doubtful
- 16, near Assenovgrad, VIII 5; this power station was last reported in construction, is believed to be completed

Thermoelectric Power Stations

2. 1, at Pleven, V 5
- 2, at Varna (now Stalin), V 9
- 3, at Pernik, VI 2; this thermoelectric power station bears the name, "Tets Dimitrovo" and now has a capacity of 16,000; its projected capacity is 28,000 kw
- 4, at Pernik, VI 2; this station bears the name, "Tets Republica" and now has a capacity of 50,000 kw; its capacity is to be boosted to 75,000 kw
- 5, near Kurilo, VI 3; its name is "Stalin", and its present capacity of 20,000 kw is to be increased to 50,000 kw
- 6, near Trevna, VI 6
- 7, near Dimitrovgrad, VII 6; its name is "Tets Maritsa"
- 8, near Dimitrovgrad, VII 6; its name is "Tets Volko Chervenkov"
- 9, near Galabovo, VII 6; thermoelectric power station projected and will be named "Tets Maritsa Eastok"
- 10, near Burgas, VII 8; former name of power station was "Tets Chernomore"; new name is "Tets Vasil Kolarov"

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Dams

3. 1, at Kitka (mountain), IV 2 (near Belogradchik)
- 2, at Mala Chuka, IV 2 (near Belogradchik)
- 3, near Petrokhanski Pass, V 3 (poorly constructed; see comment above)
- 4, at Cherven Bryag, V 4
- 5, on Rositsa River, V 5; this dam was formerly named, "Rositsa", new name is "Aleksander Stamboliski"
- 6, at Pancharovo, VI 3
- 7, near Passarel, VI 3; at this location, the "Stalin" Dam is now in construction and projected to become the largest dam in Bulgaria
- 8, at Vidima, VI 5 (near Troyan)
- 9, at Kobrinka, VI 5; "Georgi Dimitrov" Dam now in construction; near Kasanluk
- 10, at Pastra, VII 3 ~~electric~~
- 11, at Mala Tsirkva, VII 3; near Samokov
- 12, at Elli-Dere (Vetren Dal), VII 4; in construction ~~electric~~
- 13, at Krichim, VII 4; "Vodsha" Dam in construction
- 14, on Krichim River, VIII 4; the "Vasil Kolarov" Dam, formerly called, "Tash Boas" is located on the Krichim River; a number of other dams are in construction on the same river to provide water for the hydroelectric power station at Krichim ~~electric~~
- 15, shown on map sheet VIII 4; as indicated above, exact location of a large dam under construction in this area is doubtful
- 16, near Assenovgrad, VIII 5; "Assenitsa" Dam

LIBRARY SUBJECT AND AREA CODES
C-02-0615 8/54

735.921 20M
735.922 20M
623.322 20M

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Map enclosures to

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These maps are unclassified when separated from the reports.

The key to the symbols is given on the back of each map.

Annotations made on "Bulgarie 1:100,000". Numbers in the lower right corner of each map refers to the original sheet number.

25X1A

VERTICAL FILE

14-2

1 - Hydroelectric station at Kitka (mountain)

2 - Hydroelectric station at Mala Chuka

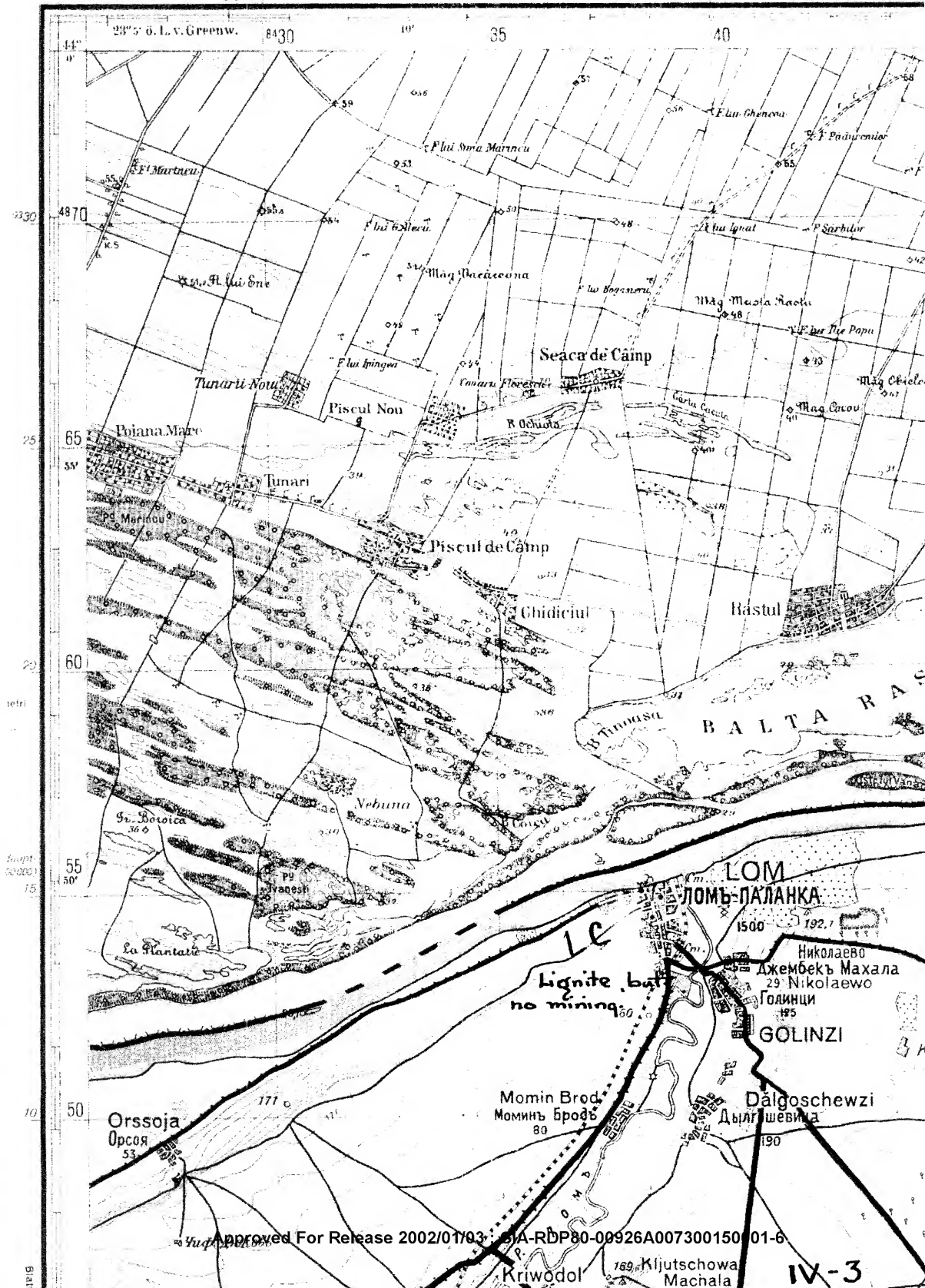
3 - Dam at Kitka

4 - Dam at Mala Chuka

5 - Dam at Vrashka Chuka

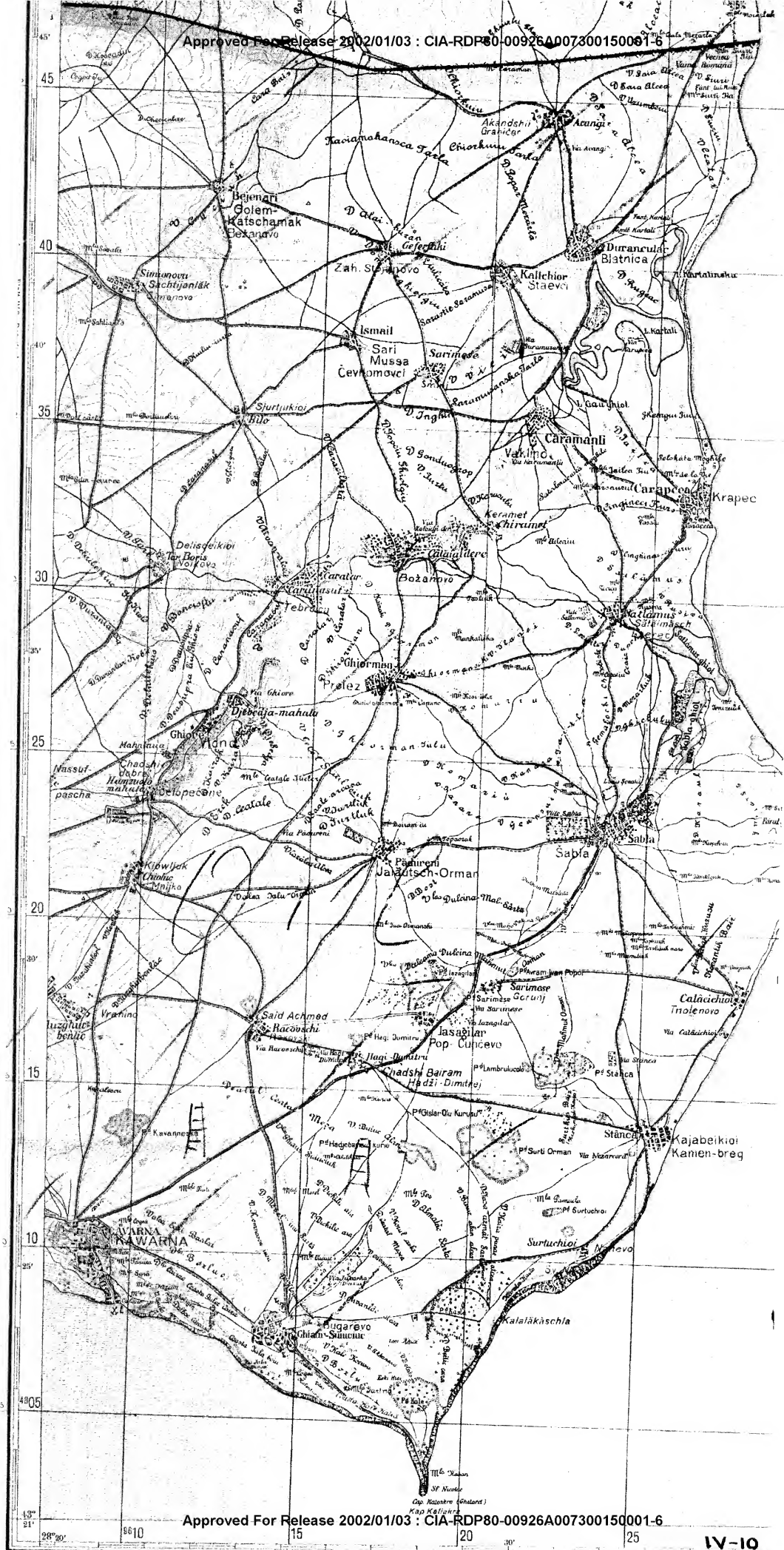
Bulgarien 1:100000

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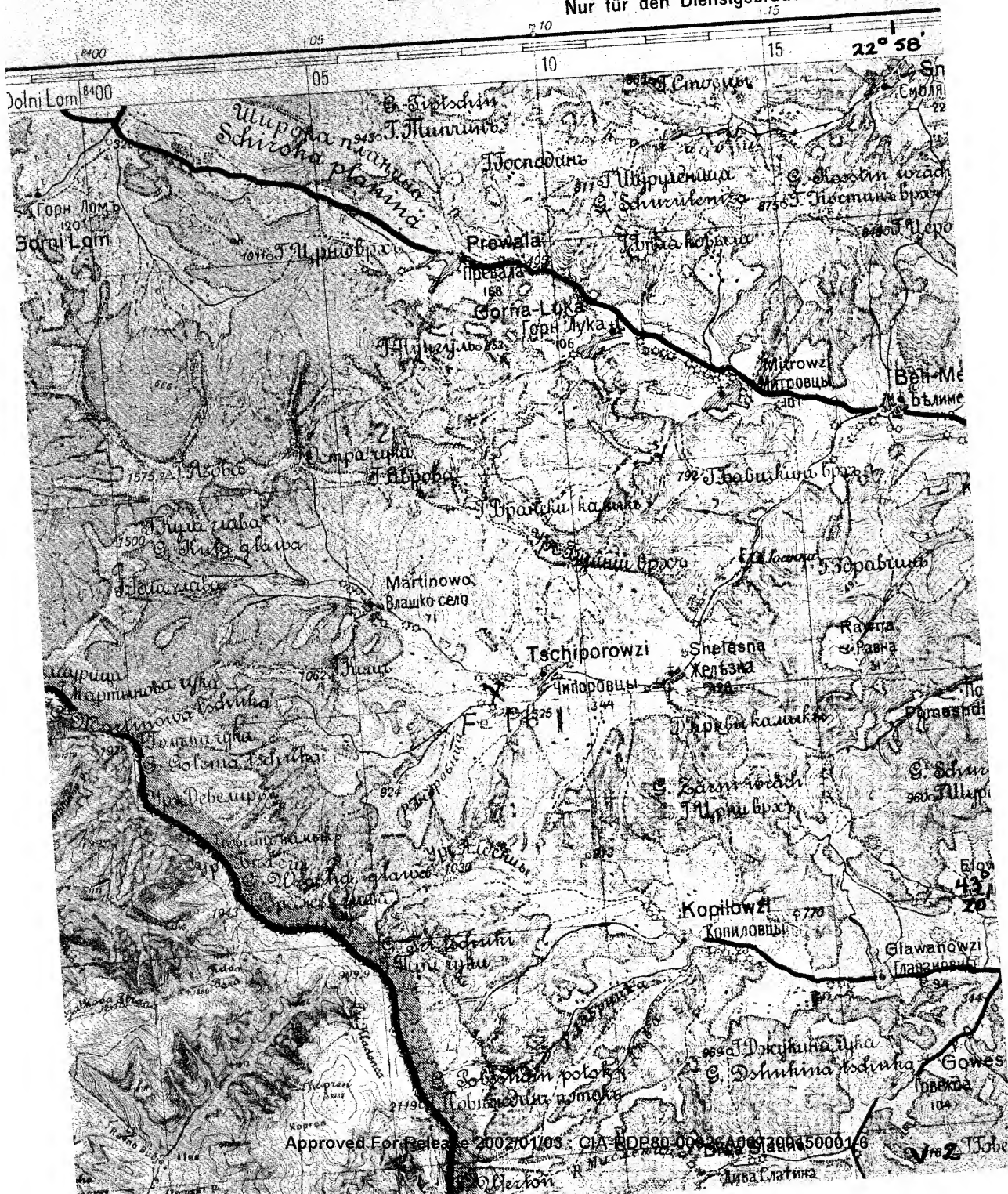
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IV-3



Vorläufige Sonderausgabe! 5

Nur für den Dienstgebrauch! 15



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FePb1 - Iron and lead mine at Chiprovtsi

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Polnische Grenzen:

Lagekarte:

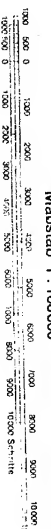
V2	V3	V4
V2	V3	V4

Grundlagen:

Seit 1.1.1972:

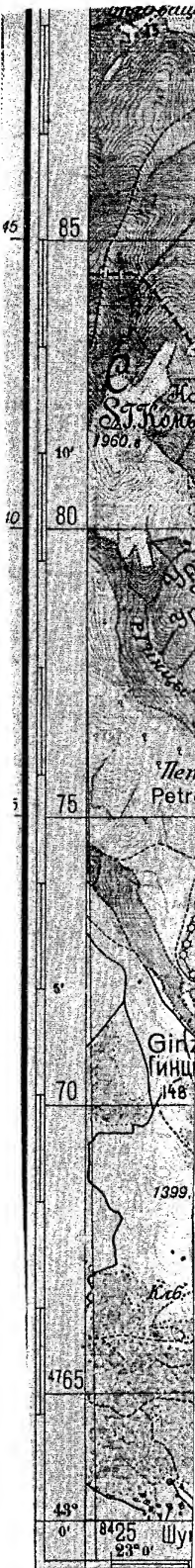
Die geographischen Teile der Karte sind eine Vervielfältigung der bulgarischen Karte 1:25000. Die Grenzen sind nach dem Stand vom 1.1.1972 festgelegt. Die Namen sind nach dem Stand vom 1.1.1972 festgelegt.

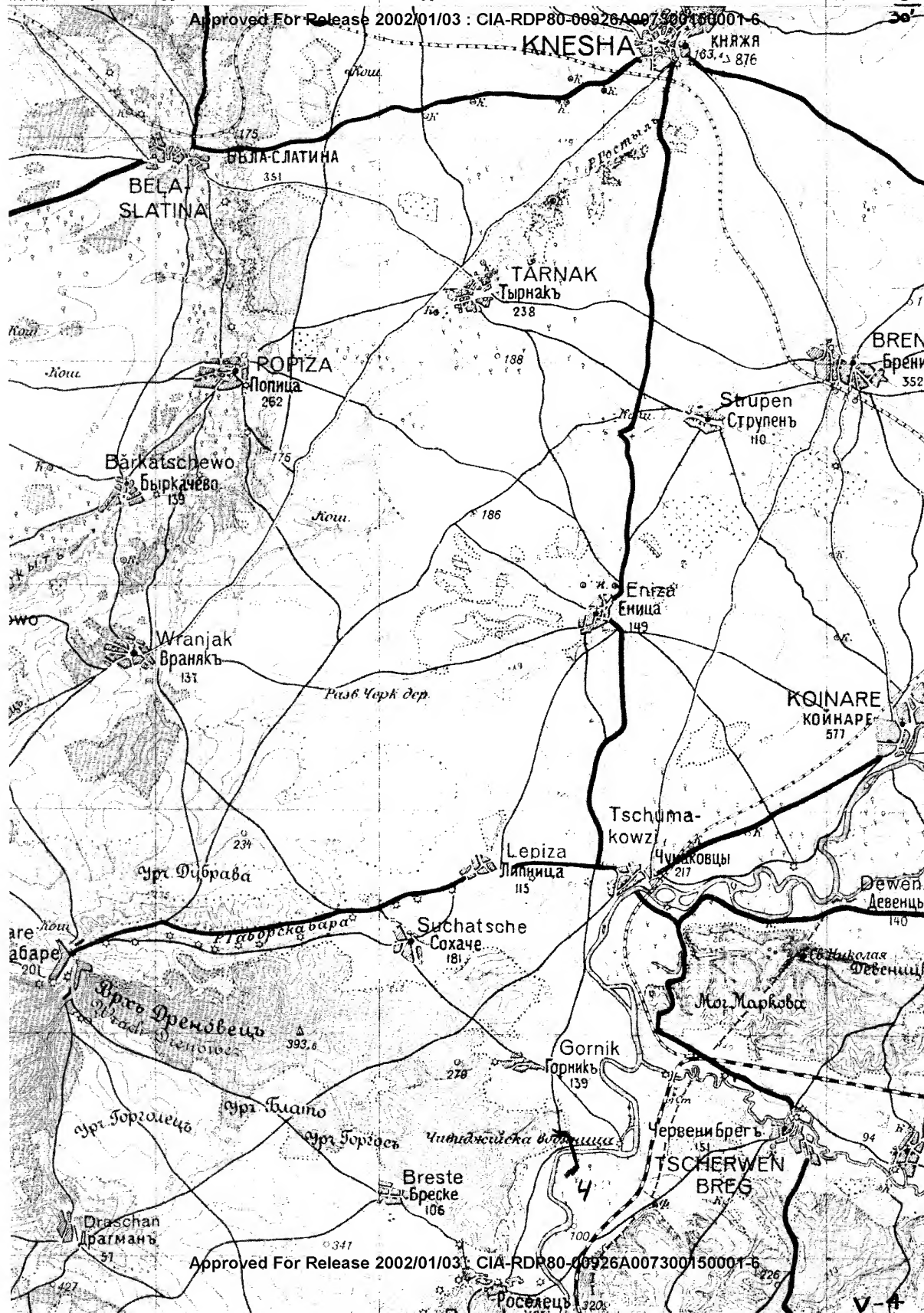
Maßstab 1:100000



Blatt V-3 Seite 55

Janischew-Tscholuk
Лановъцифт.

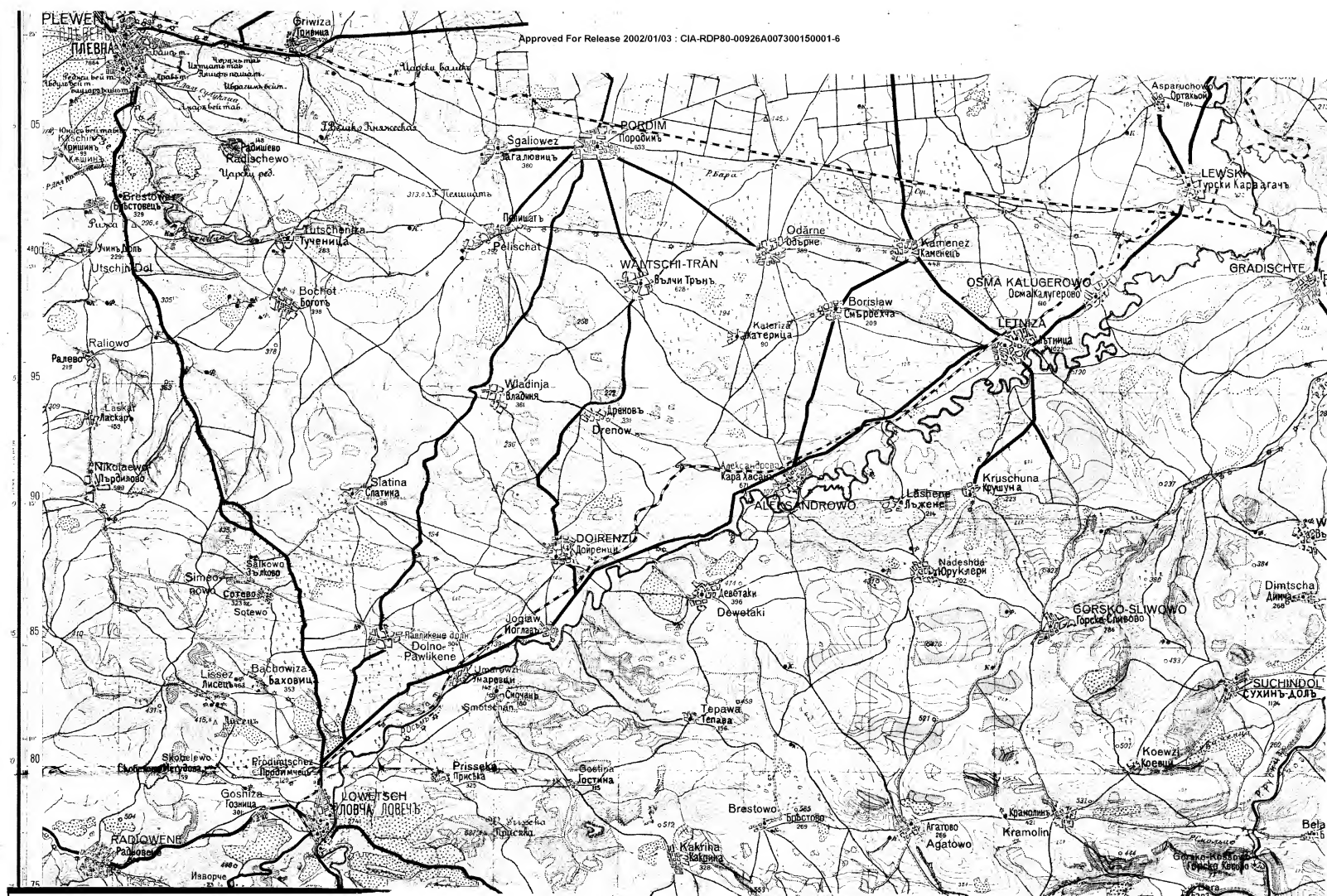
- 
- △ 3 - hydroelectric station at Petrokhanski Pass - four were planned.
] 3 - Dam near Petrokhanski Pass
Cu Pb 1 - Copper and lead mine at Eliseyna



Δ1 - Hydroelectric station at Cherven Bryag.

Δ4 - Dam at Cherven Bryag.

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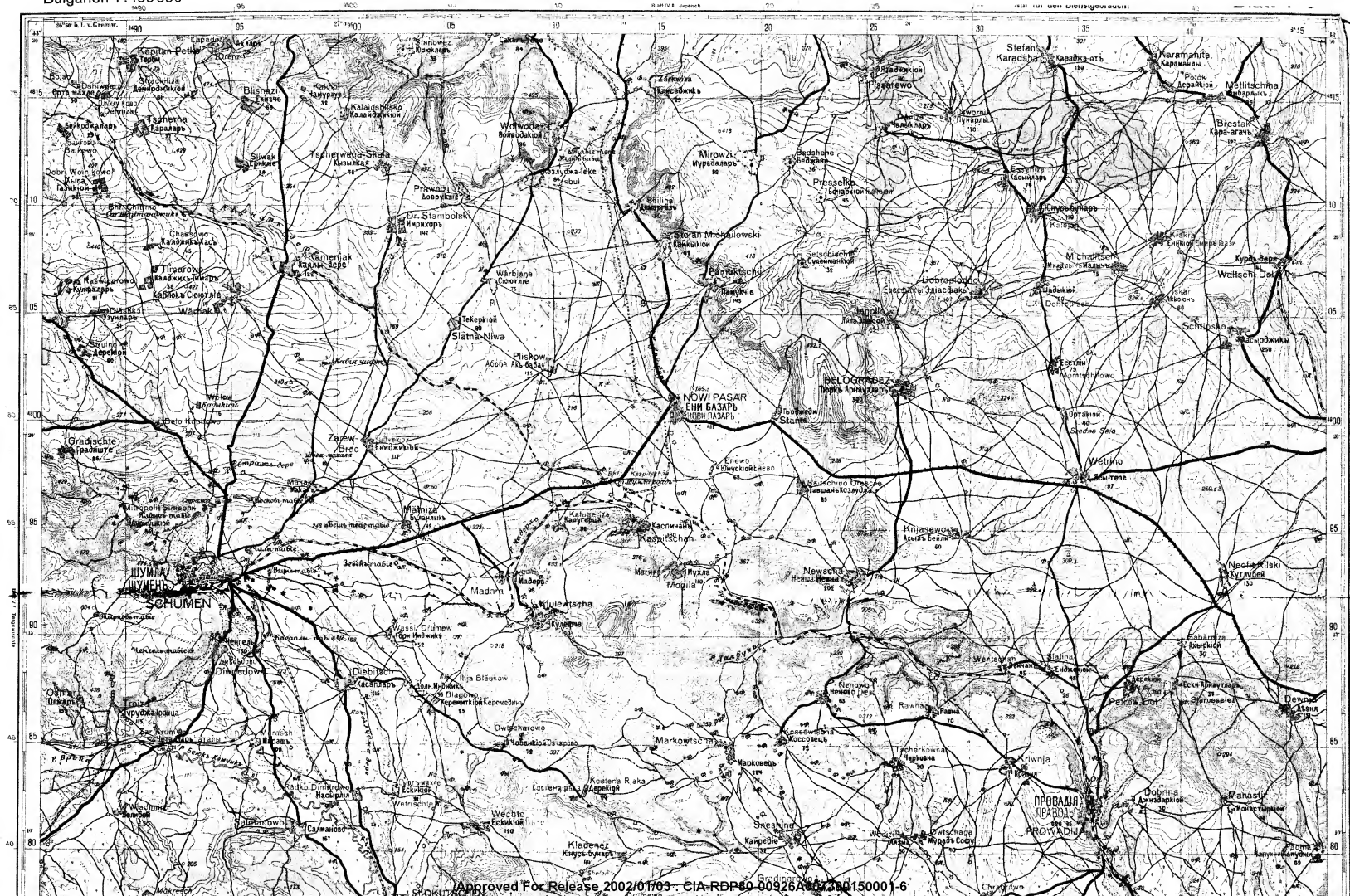


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V-5

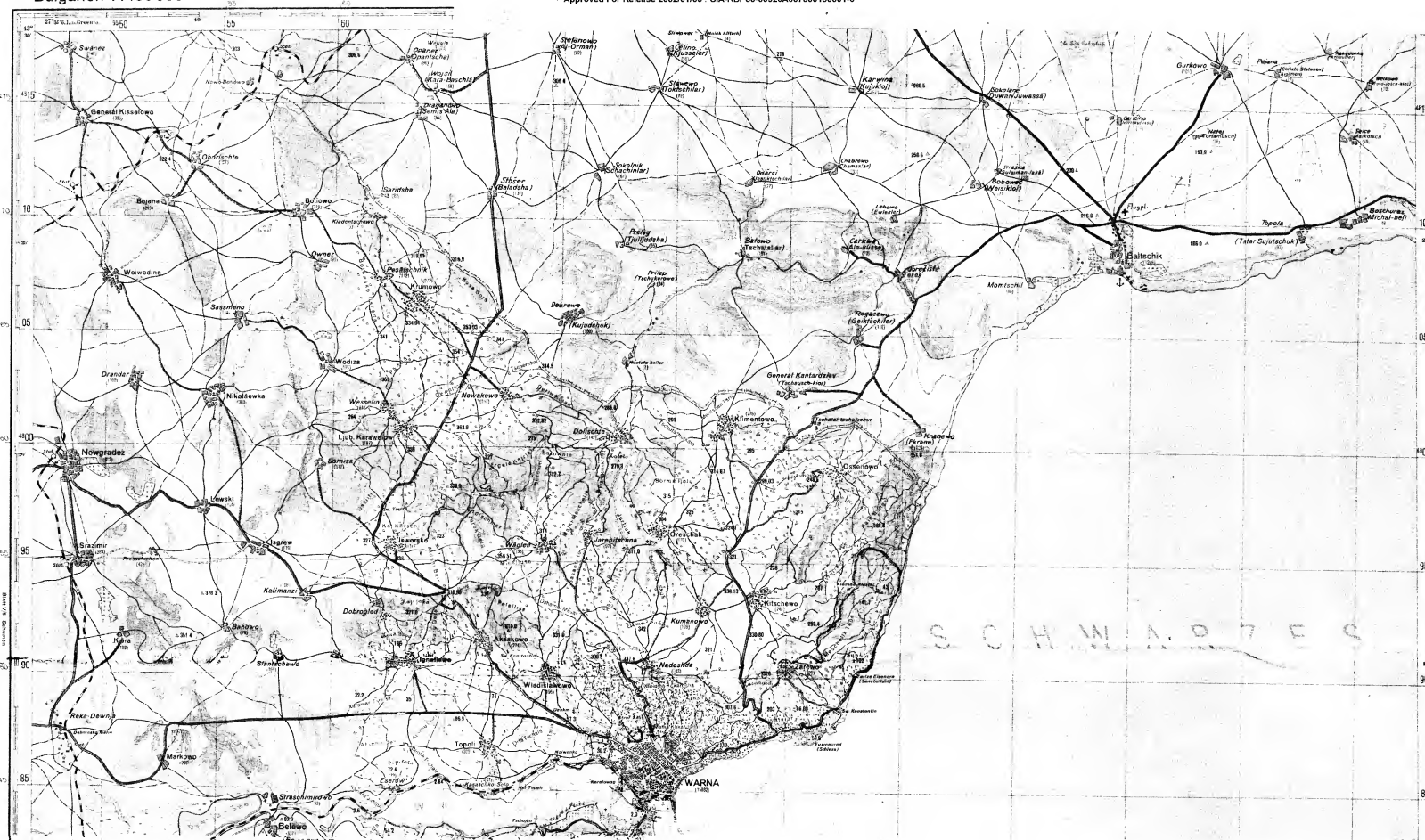
- Δ5 - Hydroelectric power station near "Aleksander Stamboliski" Dam - in project state.
- Q1 - Thermoelectric power station at Pleven

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Bulgarien 1:100000

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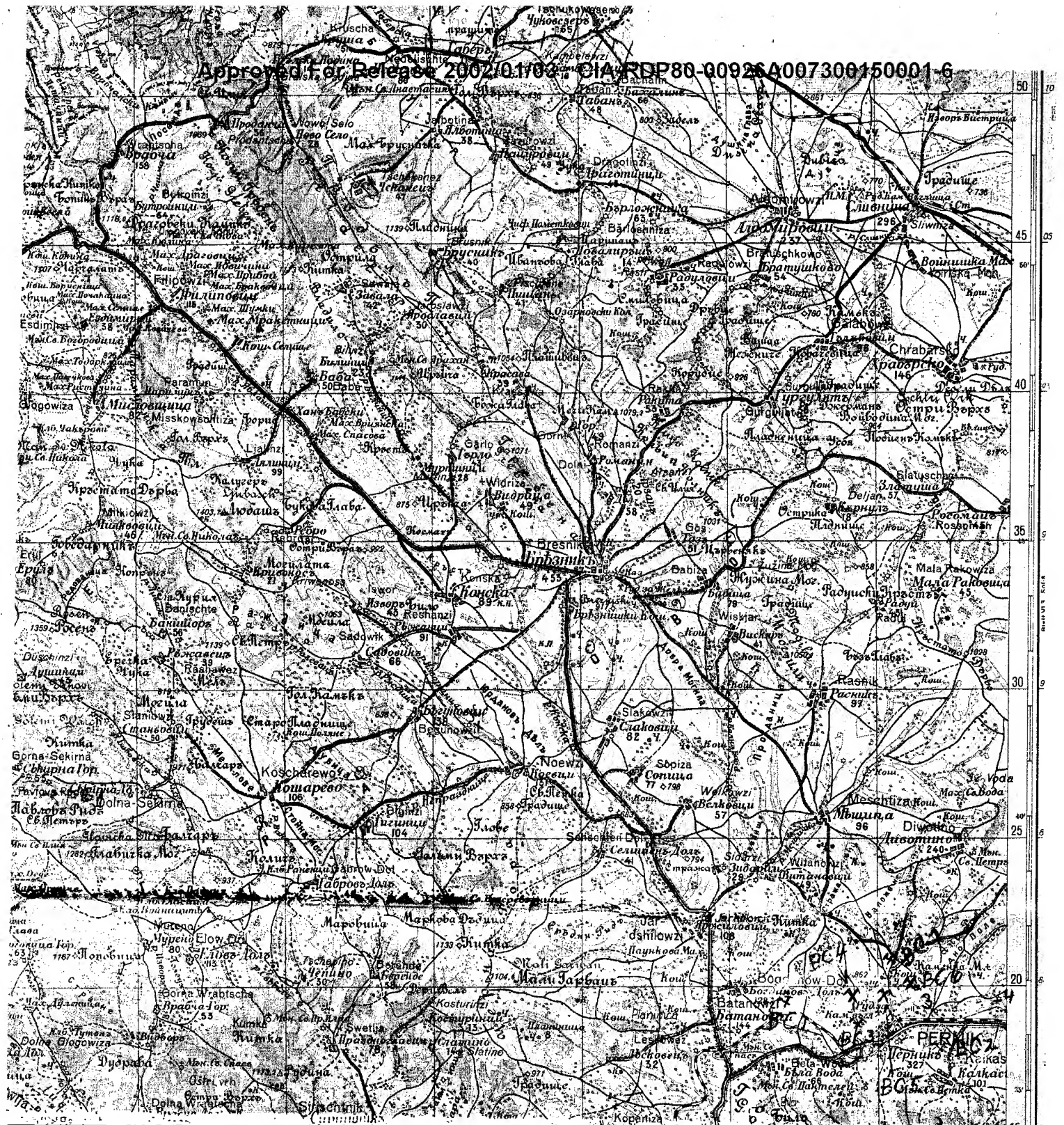
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02 - Thermoelectric power station at Varna

V-9

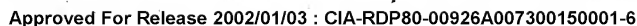
02 -

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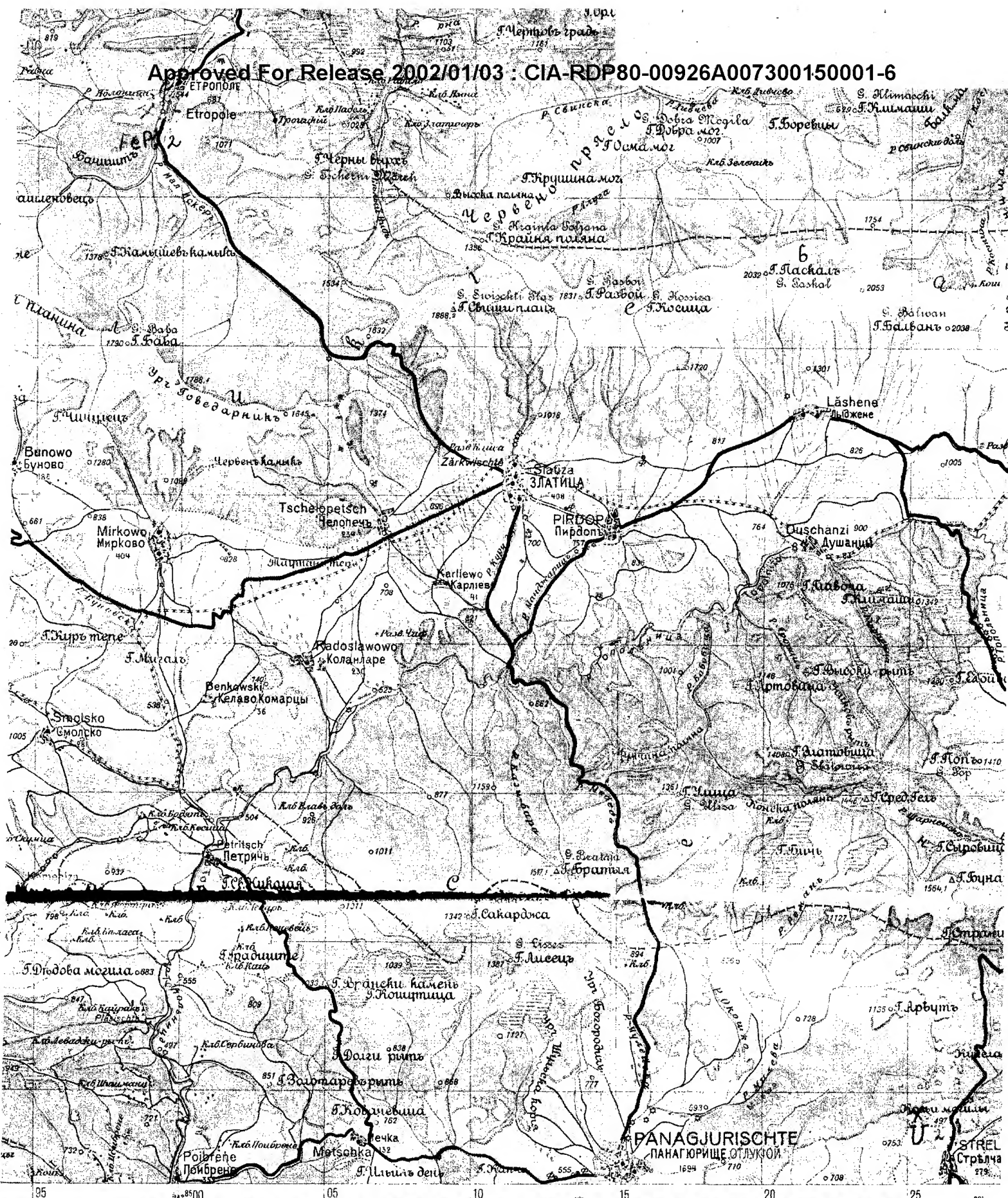


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- 03 - Thermoelectric power station at Pernik "Tets Dimitrovo"
- 04 - Thermoelectric power station at Pernik "Tets Republika"
- LC1 - "Bolshevik" lignite mine
- BC1 - "Tolbukhin" brown coal mine
- BC2 - "Sedmi Septembre" brown coal mine
- BC3 - "Temelku Nenkov" brown coal mine
- BC4 - "Brigadir" brown coal mine
- BC5 - "Sveta Anna" brown coal mine
- BC6 - "Tsarena Krushe" brown coal mine
- BC7 - "Dimitir Blagoyev" brown coal mine
- FE1 - Iron mine at Sekirna

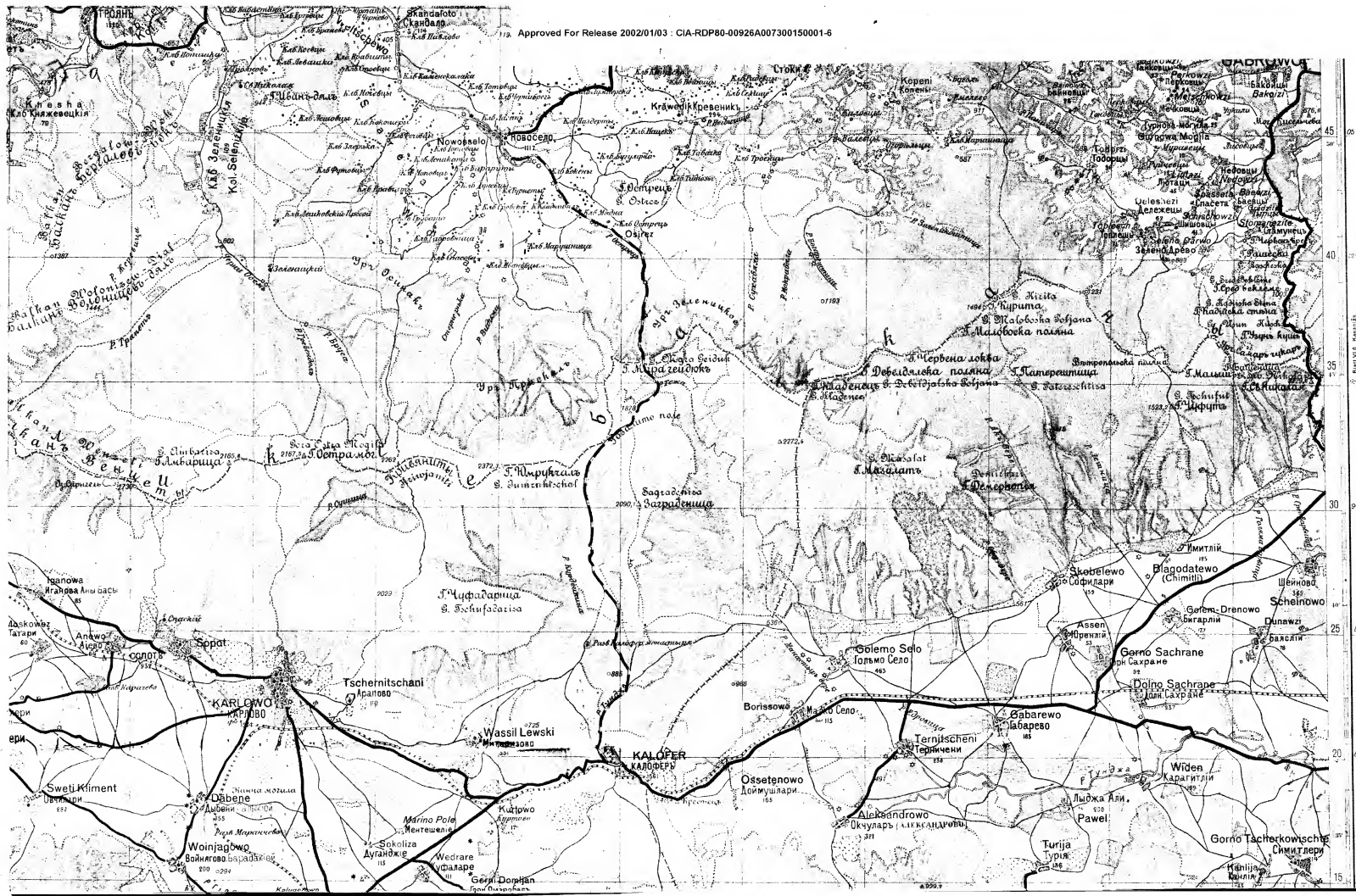


- Δ 1 - Hydroelectric station near Pancharevo.
- Δ 7 - Hydroelectric station near Kokalene - in construction
- Δ 8 - Hydroelectric station near Passarel - in construction
- Θ 5 - Thermoelectric power station near Kurilo; named "Stalin"
- } 6 - Dam at Pancharevo
- } 7 - Dam near Passarel - "Stalin" Dam
- LC 2 - Lignite mines at Kurilo; there are two mines at this location
- LC 3 - Lignite mines at Chukurovo
- BC 8 - "Republic" brown coal mine
- BC 9 - "Teva" brown coal mine
- AC - Anthracite coal mines in the Svoge mountain area
- Fe 2 - Iron mine at Bukhovo
- CuPb 2 - Copper and lead mine "Batiya"
- U 1 - Uranium mine at Bukhovo



FePb Z - Small iron and lead mines in the Etropole region which are in development
U Z - Uranium mine at Strelcha

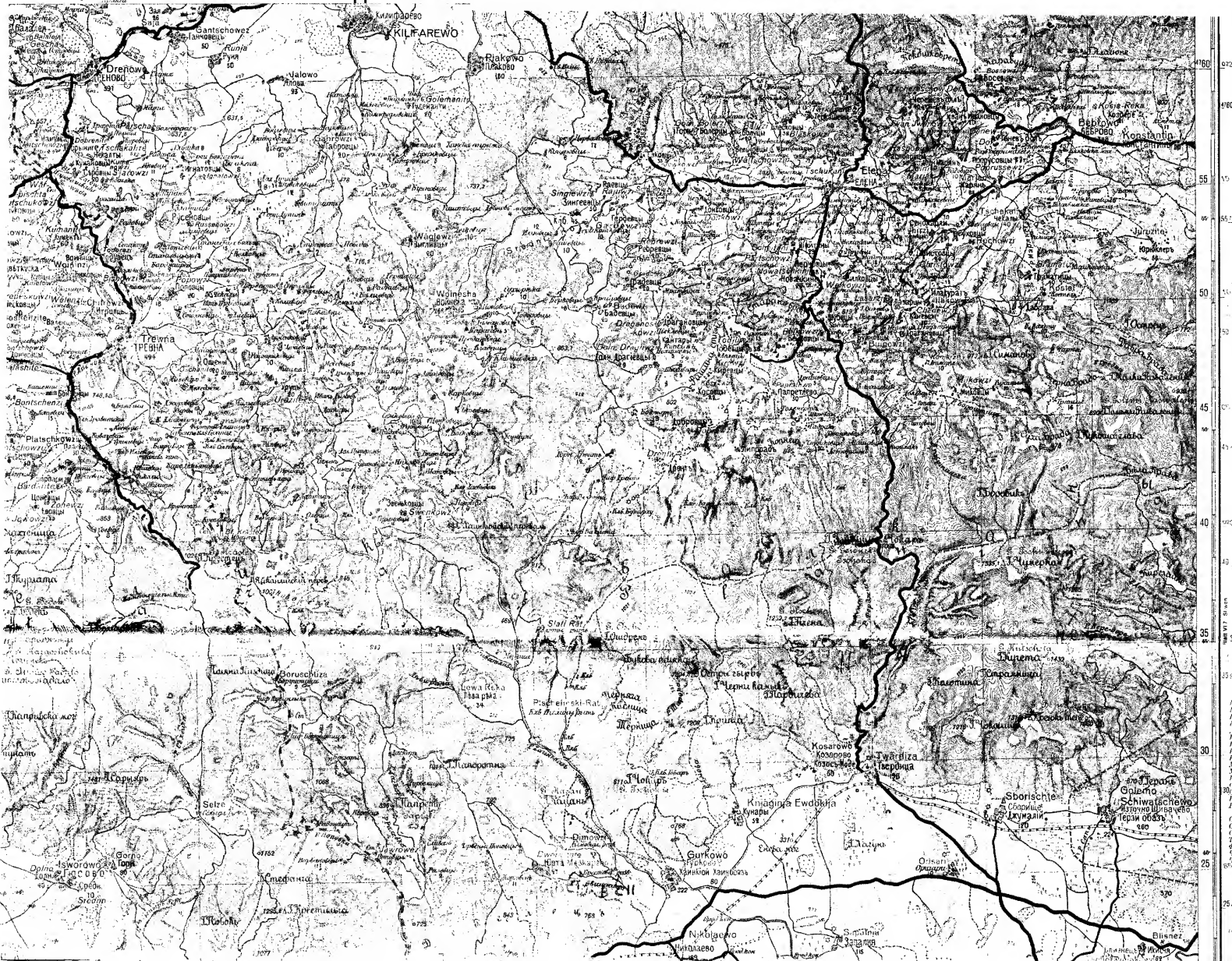
VI-4



- Δ 9 - Hydroelectric station at Vidima near Troyan
- Δ 10 - Hydroelectric station near "Georgi Dimitrov" Dam - two hydroelectric power stations are in construction at this point
- Δ 10 - Dam at Vidima
- Δ 11 - Dam at Kobrinka "Georgi Dimitrov" Dam - now in construction near Kazanluk

K

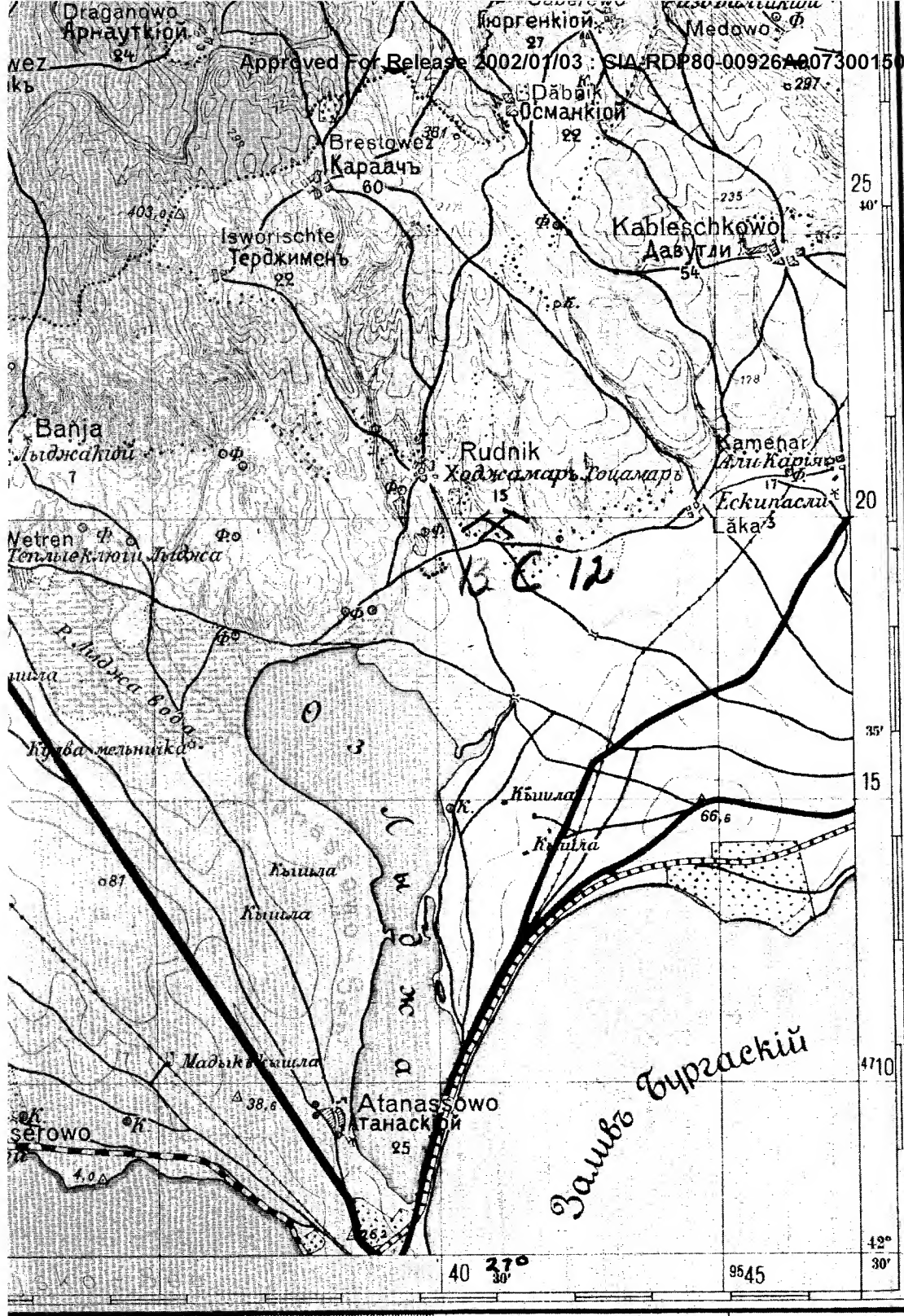
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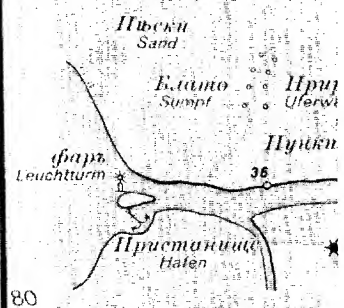
- 06 - Thermoelectric power station near Trevna
- HC 2 - Hard coal mine at Trevna; largest mine at this location is the "Prince Boris" mine; several coke ovens are being operated at this location.
- HC 3 - Hard coal mine "Lev", near Plachkovtsi.
- HC 4 - "Tvarditsa" coal mine - hard coal.
- HC 5 - Hard coal mine at Chumerna.
- BC 10 - Brown coal mine at Nikolayevo
- BC 11 - Brown coal mine at Nikolayevo
- - Military highway from Turnovo to Kilifarevo to Vuglevtsi to Khainboazki to Gurkovo. Completed about 1948 or 1949.

VI-6



М.к. Малки, Малка, Ма
Нов. Ново, Нова, Ново
Оз. Озеро (russ.)
Остров
Р. р. Река
Разв. Развѣтвѣна

Ст. Стар. Стари, Стѣра, Ст
Ст. Станица
Св. Свѣти, Свѣти, Свѣ
Т. Тѣ (work)
Ф. Фонтанка (russ.)
Ч. Чѣмѣ (russ.)
Чуф. Чуф. Чуфѣ



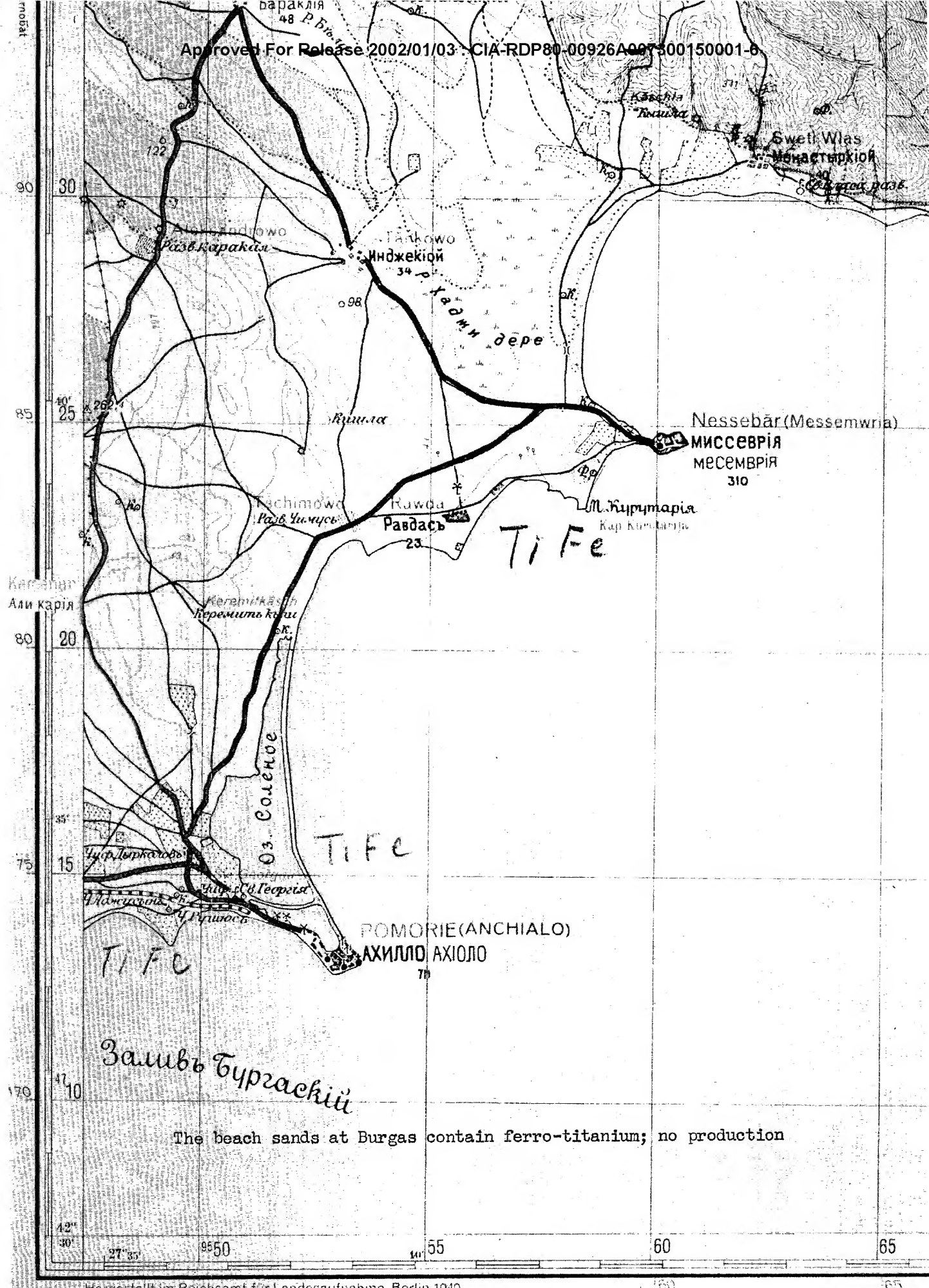
Die bulgarische

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В в	В в	в
Г г	Г г	г
Д д	Д д	д
Е е	Е е	е
Ж ж	Ж ж	wie das k in
З з	З з	wie s in
И и	И и	и
Й й	Й й	й
К к	К к	к
Л л	Л л	л
М м	М м	м
Н н	Н н	н
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Nadelabweichung für Juli 1940.
Für die Mitte des Blattes beträgt die
Nadelabweichung gegen das Gauß-
Krüger-Gitternetz rund
109° westlich = 174° westlich
Jährliche Abnahme = 0,05° oder 0,08°

Die Höhenlinien sind auf bulgarisch
von 10 Sassen da
Die ungeraden Zahlen bei der Be-
zeichnung sind durch die Umrechnung von Sa-
(1 Sashe = 2,1)

Das deutsche Gauß-Krüger-Netz ist durchgezogen.
Die schrägliegenden Ziffern am äußeren Kartenrande
bezeichnen das bulgarische Gauß-Krüger-Netz.

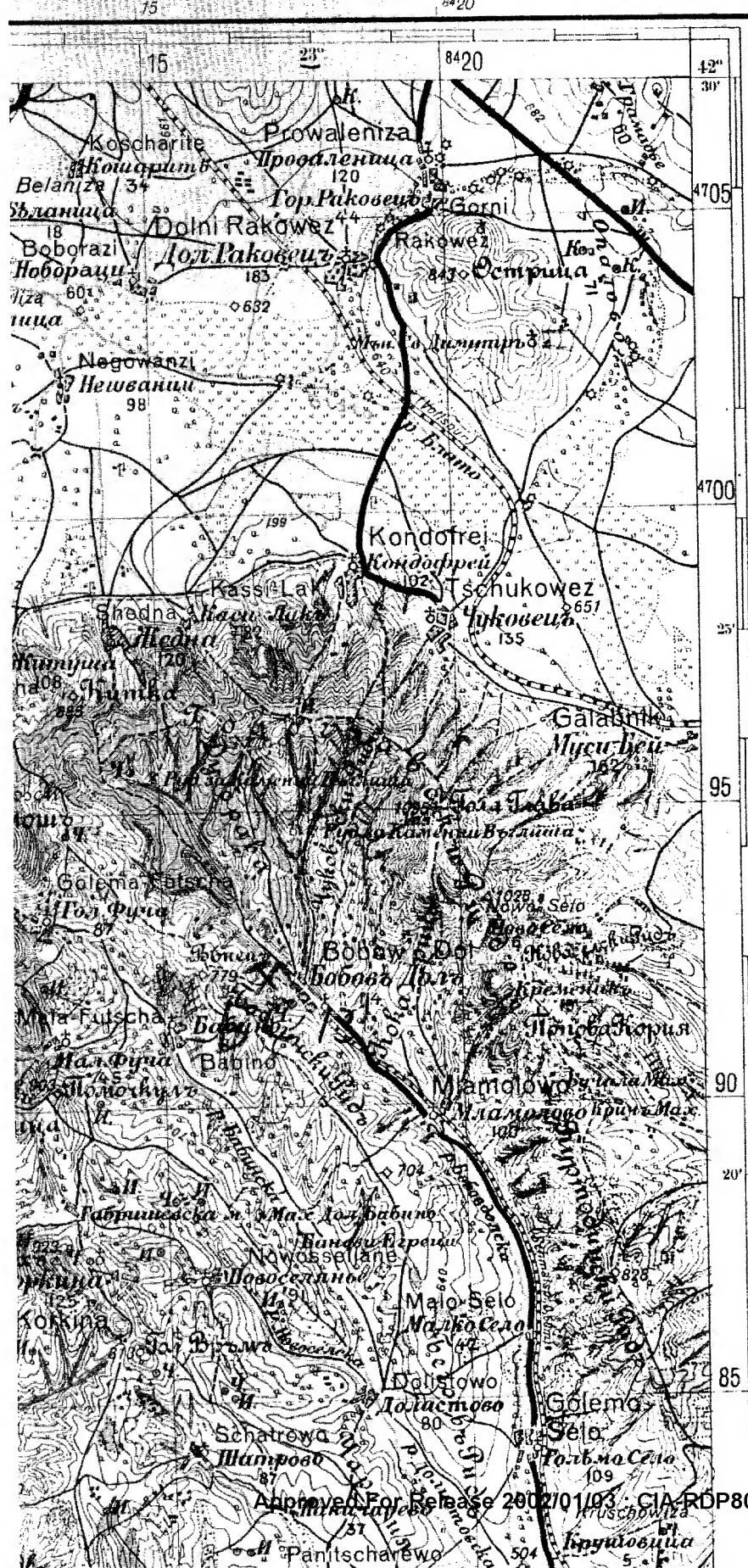


Hergestellt im Reichsamt für Landesaufnahme, Berlin 1940

erausgabe! 5. 40

Blatt VII 2

Zeichenerklärung für Bulgarien:



СТАРА ЗАГОРА

Bezirkstadt

КУЛА

Kreisstadt

NOWA SAGORA

Ortschaften 3000-10000 Einwohner

Swoboda

Ortschaften 1000-3000 Einwohner

Krawino

Ortschaften 300-1000 Einwohner

Kalowo

Ortschaften 100-300 Einwohner

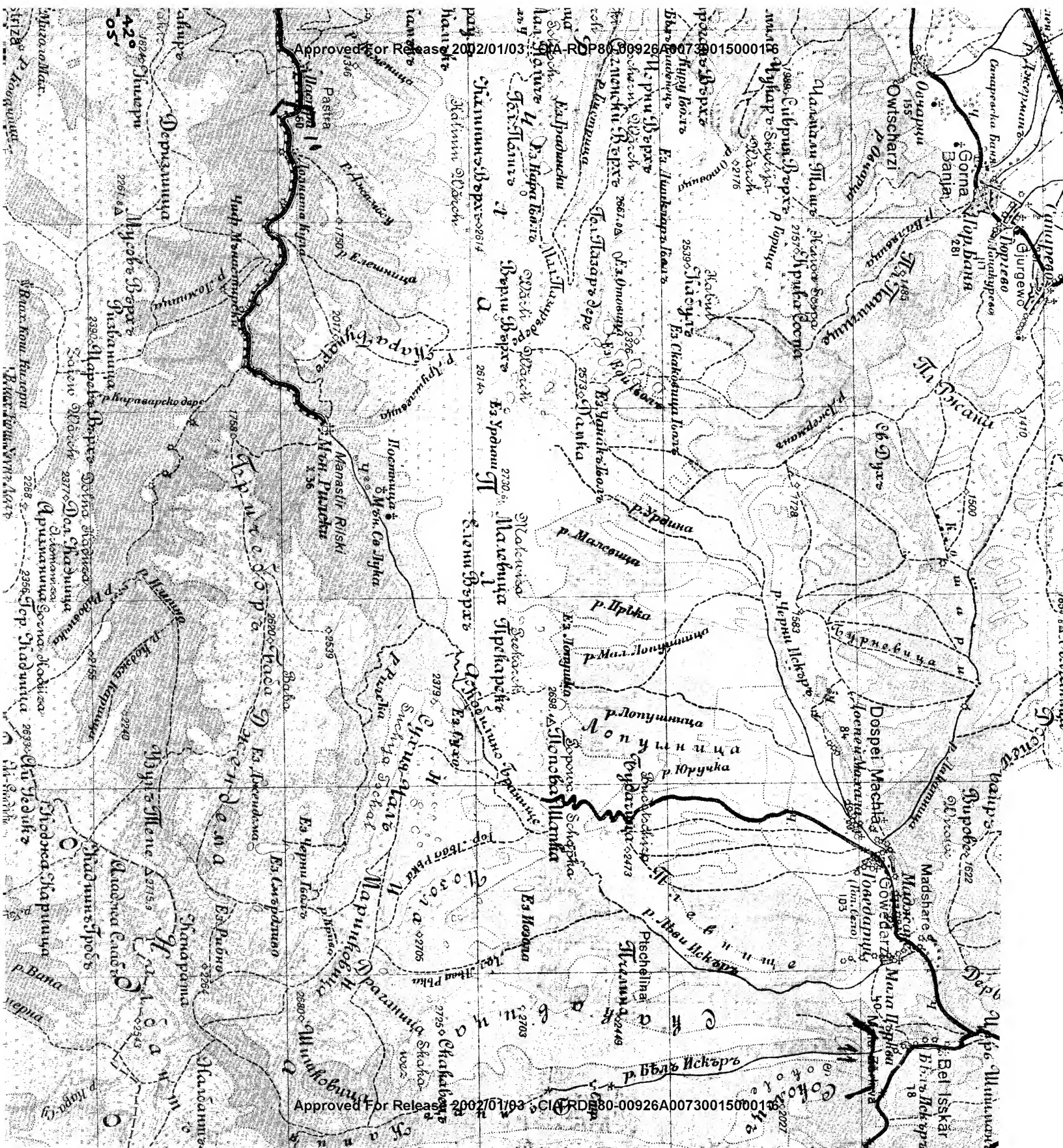
Slati Dol

Ortschaften bis 100 Einwohner

Die Zahlen unter den Ortsnamen bezeichnen die Anzahl der Feuerstellen (z.T. veraltet)

- Държавна граница
Staatsgrenze
- Окръжна граница
Bezirksgrenze
- Железница с станиция
Vollspurige Eisenbahn
- Железница, непълнопроходима
Eisenbahn, genaue Lage der Bahn unsicher (Eintragung nach der Karte 1:300 000)
- Железница в постройка
Eisenbahn im Bau
- Тънкопътна железница
Schmalspurbahn
- шосе 1. клас с дървета
Chaussee 1. Klasse mit Bäumen
- шосе 2. клас с дървета
Chaussee 2. Klasse mit Bäumen
- шосе без дървета
Nur bei trockenem Wetter benutzbar
- Път с ровове
Ortsverbindungsweg mit Graben
- Път без ровове
Ortsverbindungsweg ohne Graben
- Път
Fußweg
- Християнска гробища
Friedhof für Christen
- Мухамеданска гробища
Friedhof für Mohammedaner
- Лозя
Weinberge
- Градини
Gärten
- Розови градини
Rosengartenpflanzung
- Зеленичукови градини
Gemüsegarten
- Оризище
Reisfeld
- Калъзи
Schilf
- Гора
Wald
- Храсталак
Gestrüpp
- Калъзи
Swamp
- Суха ливада
Trockene Wiese
- Дървета
Einzelstehende Bäume, Büsche
- Триангулационен пункт
Triangulationspunkt
- Геометричен пункт
Geometrischer Punkt
- Телеграф. линия
Telegraphenleitung
- Телеграф. станция
Telegraphenstation
- Поща
Postamt
- Кръма, Хан
Schenke, Herberge, Ausspannung
- Манастир
Kloster
- Церква
Kirche

BC 13 - "Bobov Dol" brown coal mine



- △ 11 - Hydroelectric station at Pastra.
- △ 12 - Hydroelectric station at Mala Tsurkva - in construction
- 7 10 - Dam at Pastra
- 7 11 - Dam at Mala Tsurkva

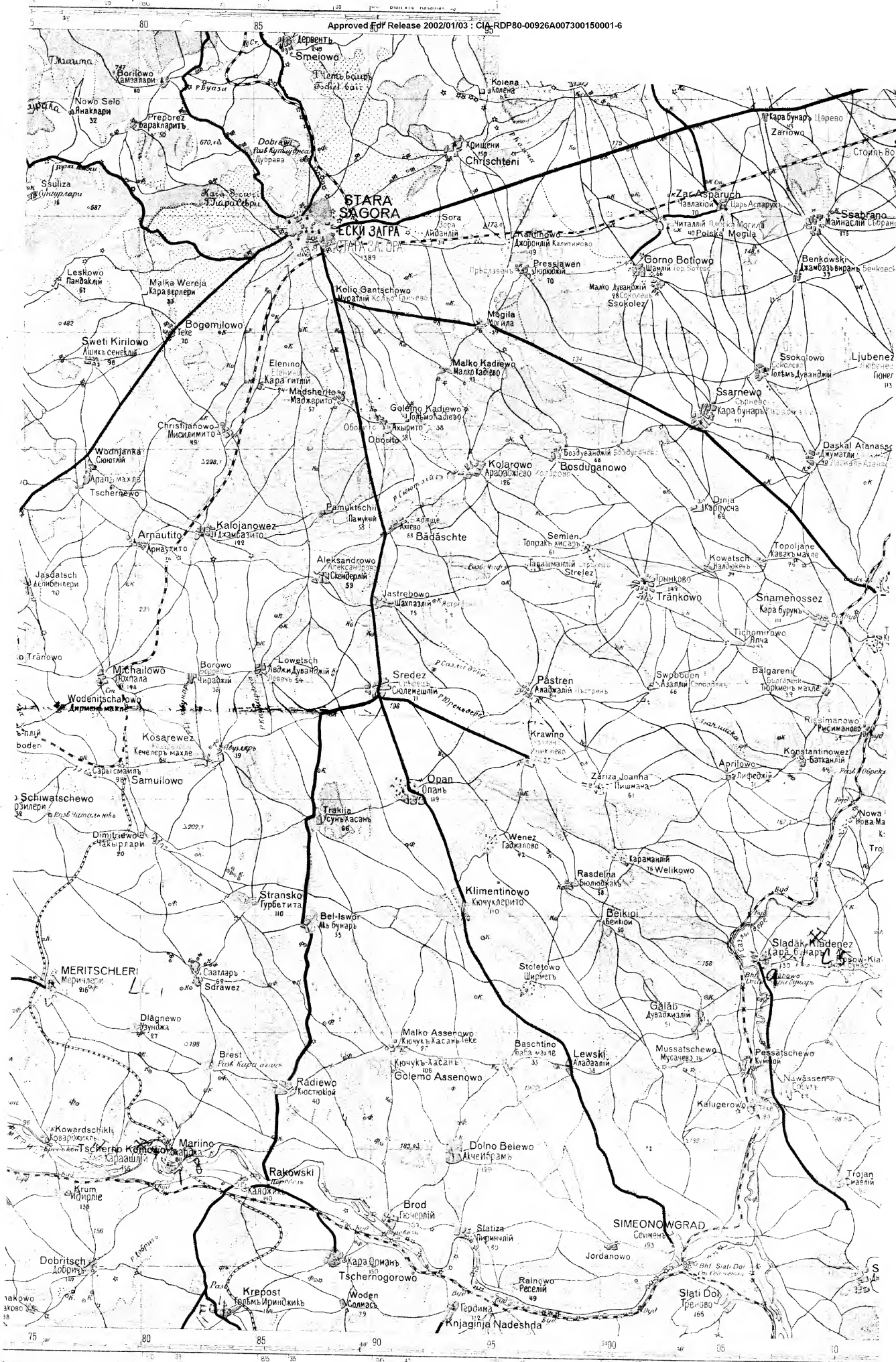
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Topographic map of a region in Bulgaria, showing towns, roads, and rivers. Key locations include:

- WETREN**
- KARA-BUNAR**
- PASARDSHIK (ТАТАРЪ-БАЗАРДЖИКЪ)**
- WETREN-601**
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- WETREN-699**
- WETREN-700**

- △ 13 - Hydroelectric station at Elli-Dere (Vetren Dol) - in construction
- △ 14 - Hydroelectric station at Krichim - in construction
-] 12 - Dam at Elli-Dere (Vetren Dol) - in construction
-] 13 - Dam at Krichim - "Vodzha" dam in construction
- Fe 3 - Iron deposits are Golak; no exploitation to date
- Cu 1 - Copper mine at Elshitsa (pyrites)

VU-4



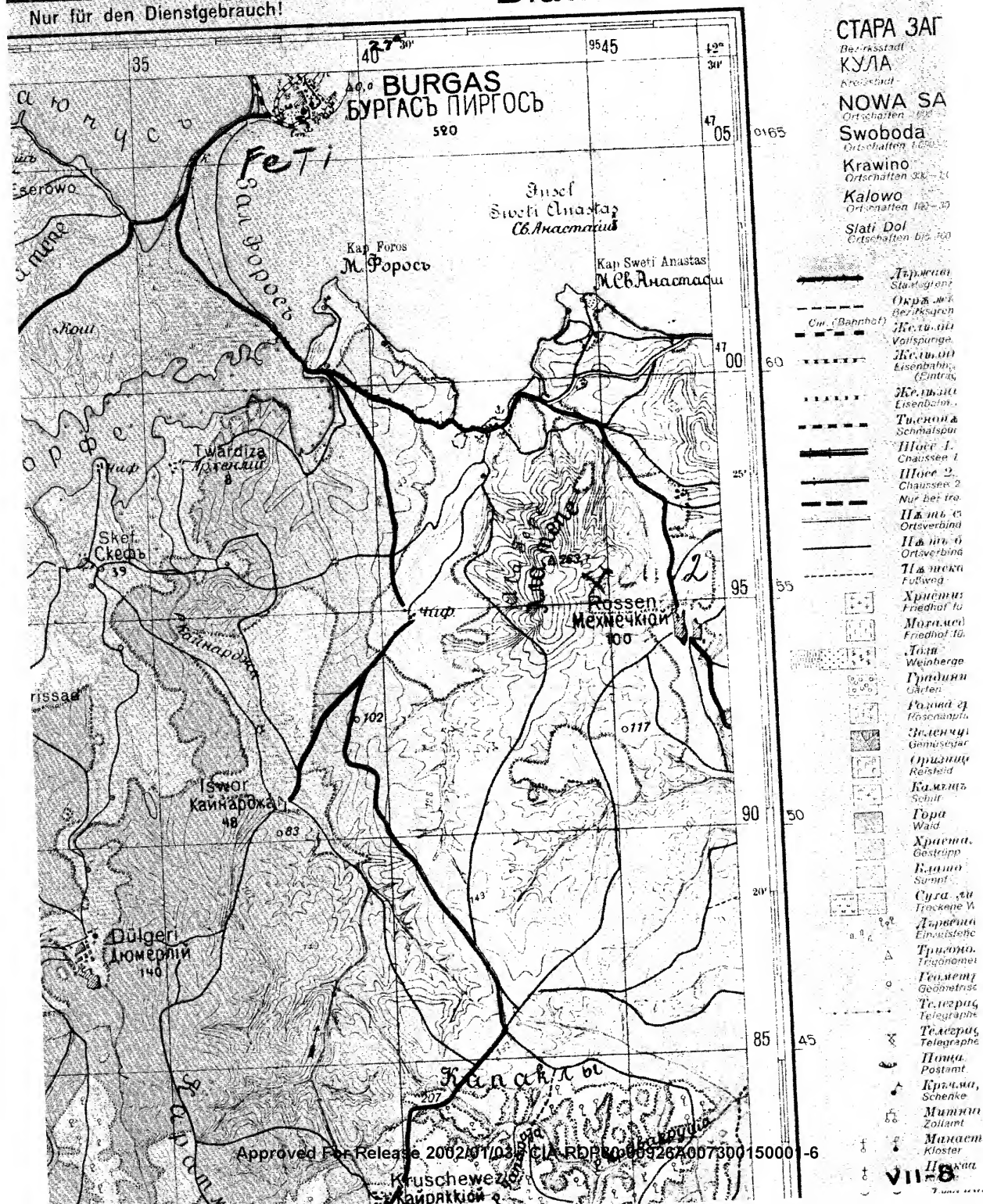
- 07 - "Tets Maritsa" thermo_electric power station near Dimitrovgrad
- 08 - "Tets Volko Chervenkov" thermoelectric power station near Dimitrovgrad
- 09 - "Tets Maritsa Eastok" - projected
- LC 4 - Lignite mines in the Maritsa West (Dimitrovgrad) area.
- LC 4 - Lignite mine in the Maritsa East area
- FE 4 - Iron mine at Krepost



Fes
Fes - Iron mines at Krumovo; there formerly was one private and one state
mine at Krumovo; since nationalization, these two mines have been
combined into one.

Blatt VII 8

Zeichenerkläre

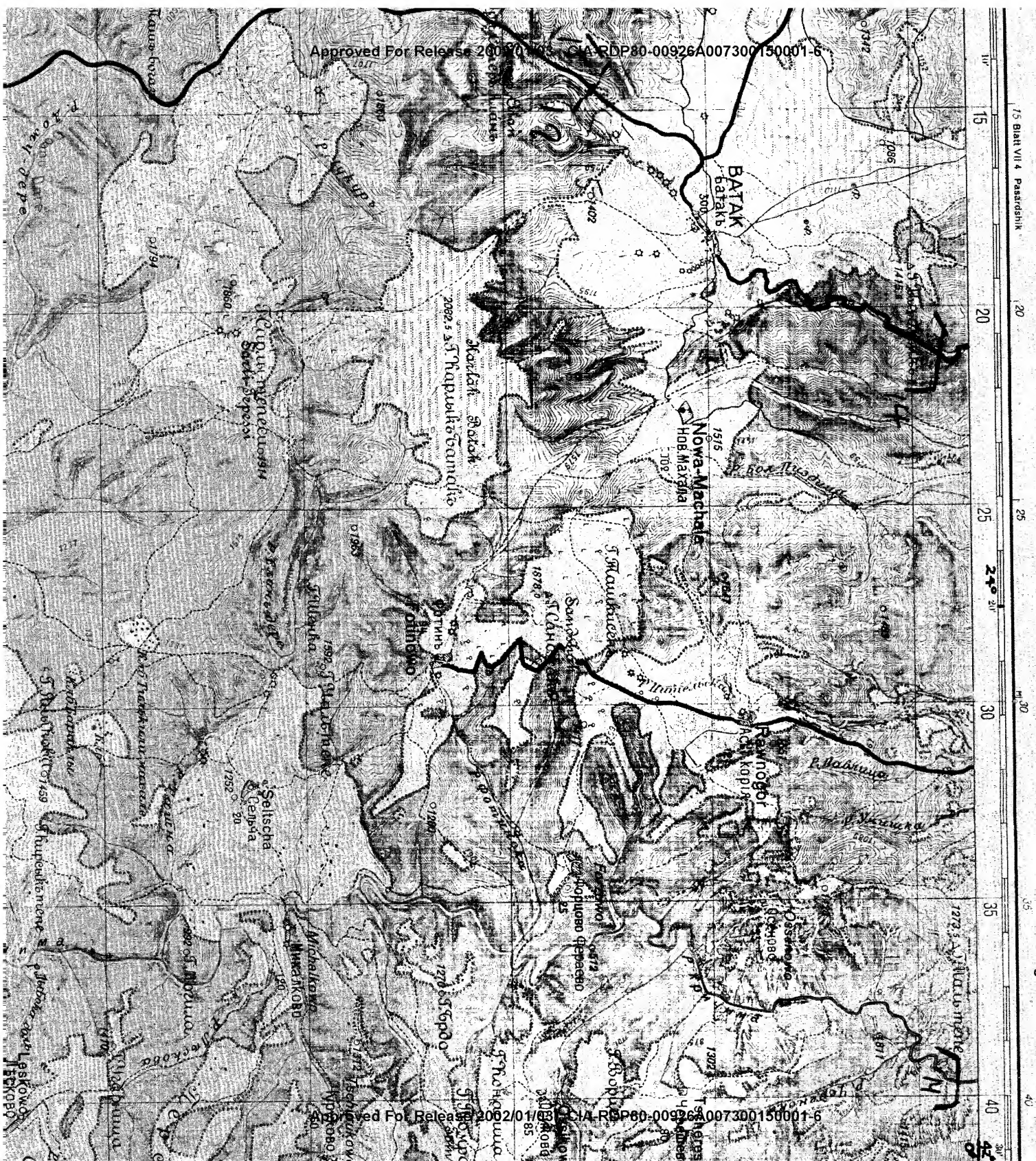


O 10 - "Tets Chernomore" thermoelectric power station; now called "Tets Vasil Kolarov" - near Burgas.

FeTi - The beach sands at Burgas contain ferro-titanium; no production

Cu2 - Copper mine at Rossen

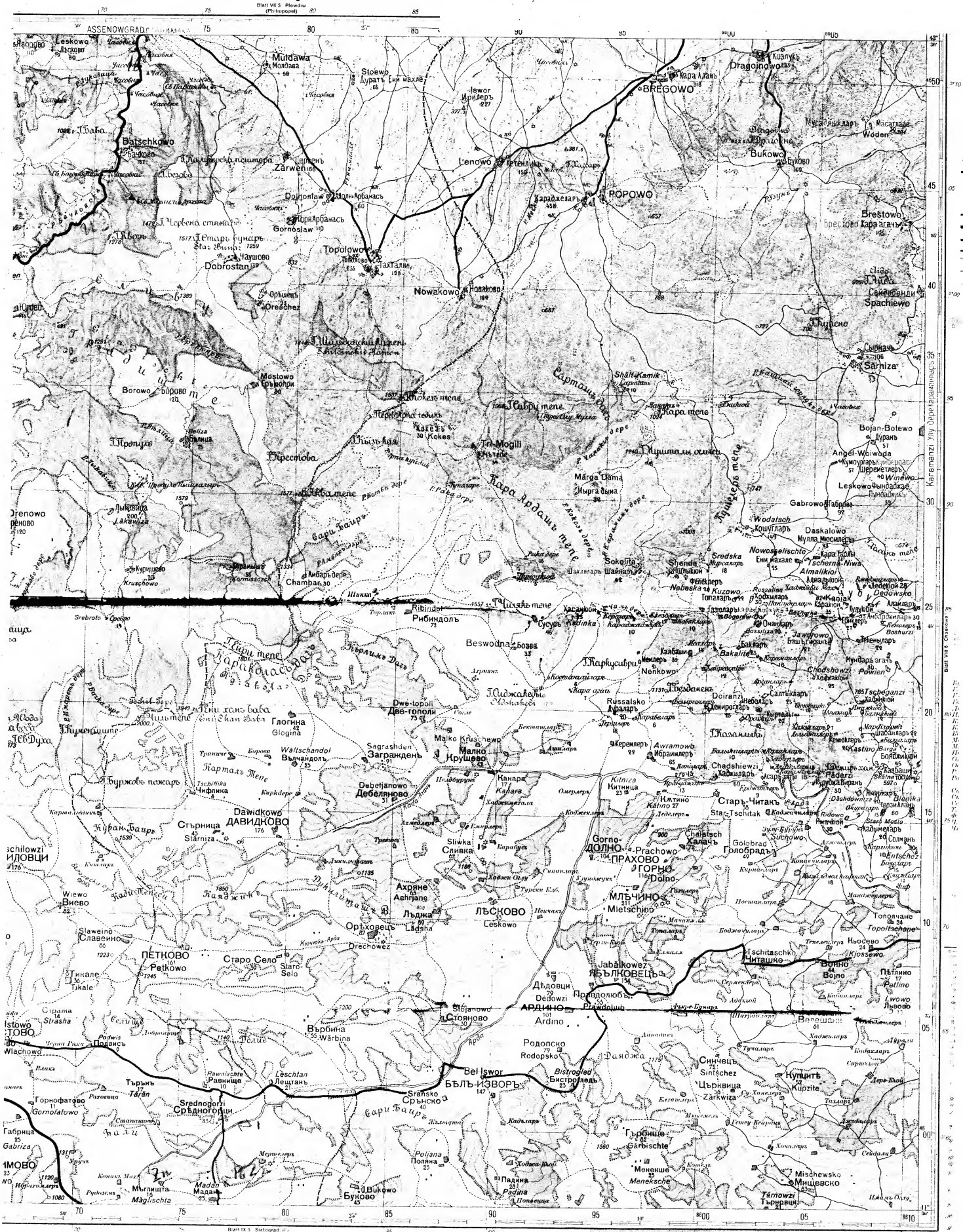
Vorläufig



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- Hydroelectric station which is projected - exact location doubtful
- Dam on Yungwa River, near Hsiao Kiangpo Dam, Province of Szechwan
- Dam under construction - exact location is doubtful

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10 - Hydroelectric station near Asenovgrad - last reported in construction, but believed to have been completed.

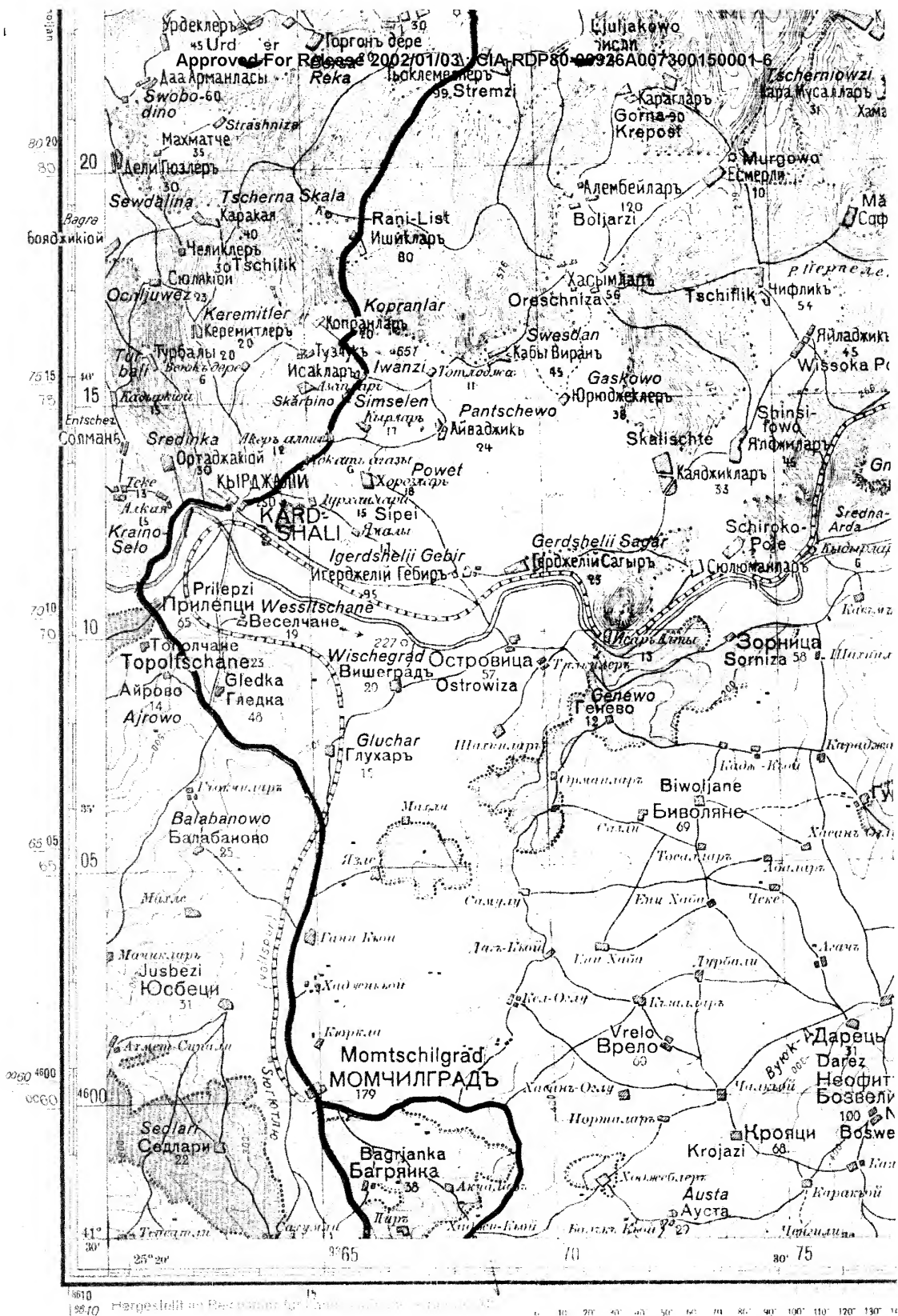
16 - "Assenitsa" Dam


20Z - Lead and zinc mines "Gorubze"; formerly two mines, but there are now over 20; all operated by the Soviet-Bulgarian enterprise known as "Gorubze"; only known locations are indicated on the map. See also IX 5

1 - Flotation plant at Srdnogortsi.

- Aerial tramway

43 - Uranium mine between Bachkovo and Narechen (exact location unknown)

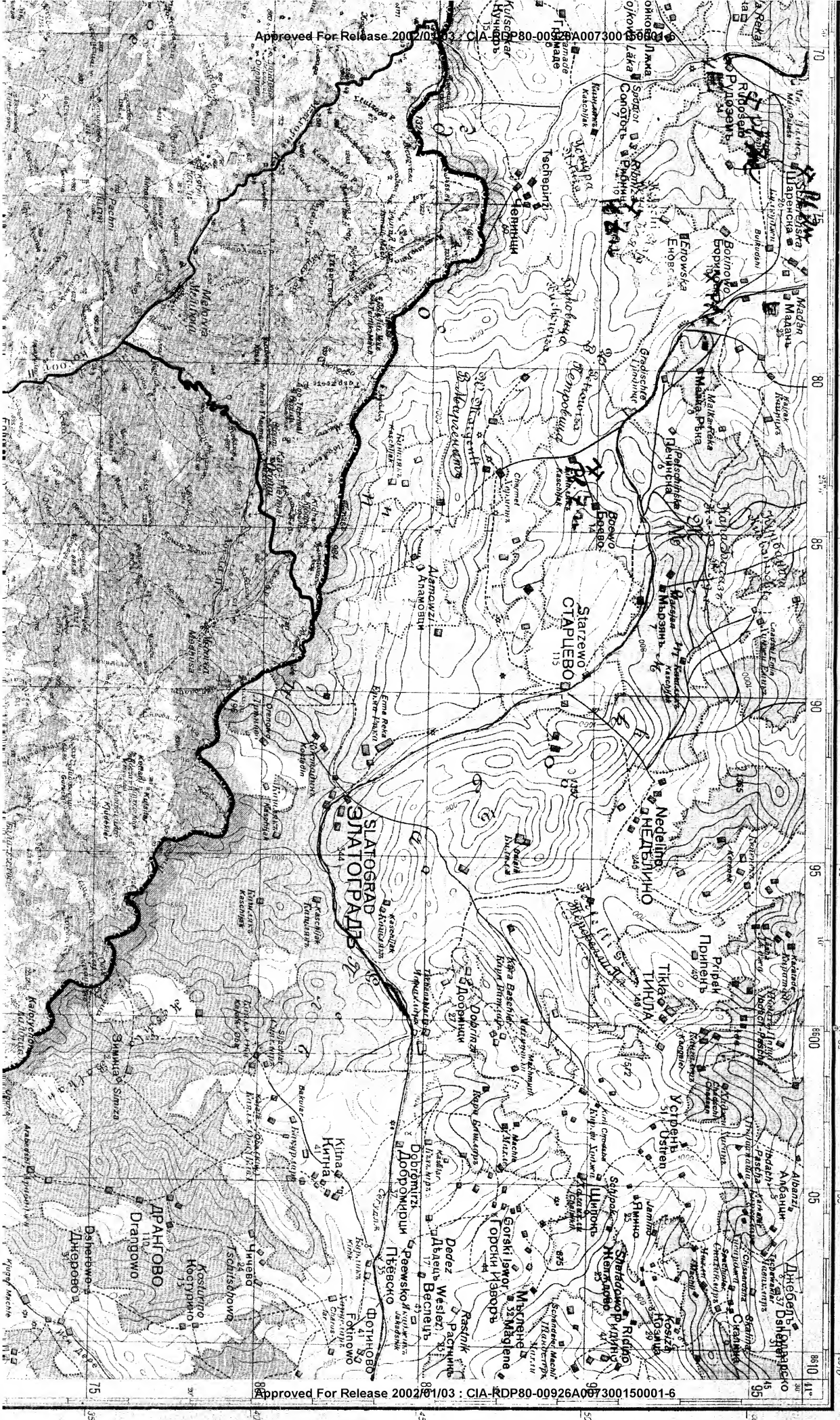


-  2 - Flotation plant at Kurdzhali
- Aerial tramway

Slatograd

Nur für den Dienstgebrauch!

Blatt IX 5



- FD-2 A - Lead and zinc mines "Gorubze"; there were formerly two mines at this location; but there are now over 20; all operated by the Soviet-Bulgarian enterprise "Gorubze"; only known locations are indicated on the map. See also VIII 5
- 3 - Flotation plant at Madan
- 4 - Flotation plant at Rudozem
- Aerial tramways
25X1X
- Road improved [REDACTED]

Deutsche

04 04 16

90



- CV - Location of several small chromium mines which are not now in production.
- - The extension of an existing railroad line by connecting Podkovo with Zlatograd has been planned, but ~~not~~ action taken.